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**ABSTRACT**

5 An actuator 1 in which a displacement element 7 has a piezoelectric ceramic layer 4 and a pair of electrodes 5, 6 interposing therebetween the piezoelectric ceramic layer 4. The entire thickness of the actuator 1 is 100  $\mu$ m or less. The piezoelectric ceramic layer 4 and the substrate 2 have as their principal component a perovskite crystal containing at least Pb, Zr and Ti, and, the maximum difference in a composition ratio Pb/(Ti+Zr) between the surface of the piezoelectric ceramic layer 4 and the inside of the substrate 2 is 0.02 or less. This reduces characteristic variation.